# Caries Research

# No. 1

**Guest Editorial** 

Wither or Whither Caries Research? Bowen, W.H. (Rochester, N.Y.)

Invited Review

Secretory Immunity in Defense against Cariogenic Mutans Streptococci Russell, M.W.; Hajishengallis, G.; Childers, N.K.; Michalek, S.M.

(Birmingham, Ala.)

Original Papers

- A Comparison of Increment and Incidence Density Analyses in **Evaluating the Anticaries Effects of Two Dentifrices** Caplan, D.J.: Slade, G.D.; Biesbrock, A.R.; Bartizek, R.D.; McClanahan, St.F.; Beck, J.D. (Chapel Hill, N.C./Mason, Ohio)
- Effects of Mouth Rinses with Xylitol and Fluoride on Dental Plaque and Saliva Giertsen, E. (Bergen); Emberland, H.; Scheie, A.Aa. (Oslo)
- Developments in Caries Diagnosis and Their Relationship to Treatment Decisions and Quality of Care. ORCA Saturday Afternoon Symposium 1997 Verdonschot, E.H. (Nijmegen); Angmar-Månsson, B (Huddinge); ten Bosch, J.J. (Groningen); Deery, C.H. (Dundee); Huysmans, M.C.D.N.J.M. (Nijmegen); Pitts, N.B. (Dundee); Waller, E. (Amsterdam)
- A Polarized Light and Scanning Electron Microscopic Study of Human Fissure and Lingual Enamel of Unerupted Mandibular Third Molars

Ekstrand, K.R.; Holmen, L.; Qvortrup, K. (Copenhagen)

- A Light Microscopic Study of Odontoblastic and Non-Odontoblastic Cells Involved in Tertiary Dentinogenesis in Well-Defined Cavitated Carious Lesions Bjørndal, L.; Darvann, T. (Copenhagen)
- In situ Fluoride Retention in Enamel and Dentine after the Use of an Amine Fluoride Dentifrice and Amine Fluoride/Sodium Fluoride Mouthrinse van Strijp, A.J.P.; Buijs, M.J.; ten Cate, J.M. (Amsterdam)
- Dental Fluorosis and Nutritional Status of 6- to11-Year-Old Children Living in Rural Areas of Paraíba, Brazil Correia Sampaio, F. (João Pessôa/Oslo); Ramm von der Fehr, F.; Arneberg, P. (Oslo); Petrucci Gigante, D. (Pelotas); Hatløy, A. (Oslo)
- **Dental Erosions in Subjects Living on a Raw Food Diet** Ganss, C.; Schlechtriemen, M.; Klimek, J. (Giessen)
- **Enamel Erosion by Some Soft Drinks and Orange Juices** Relative to Their pH, Buffering Effect and Contents of Calcium Phosphate

Larsen, M.J.; Nyvad, B. (Aarhus)

Short Communication

- In vitro Fluoride Uptake by Intra-Orally Aged and **Contaminated Glass Ionomer Cement** Damen, J.J.M.; Buijs, M.J.; van Strijp, A.J.P.; ten Cate, J.M. (Amsterdam)
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- Incidence and Progression of Approximal Caries from 11 to 22 Years of Age in Sweden: A Prospective Radiographic Study Mejàre, I. (Stockholm); Källestål, C.; Stenlund, H. (Umeå
- 101 Dental Caries in Pre-School Children: Associations with Social Class, Toothbrushing Habit and Consumption of Sugars and Sugar-Containing Foods. Further Analysis of Data from the National Diet and Nutrition Survey of Children Aged 1.5-4.5 Years Gibson, S. (Guildford); Williams, S. (Leeds)
- 114 Caries and Fluorosis Prevalence in Communities with Different Concentrations of Fluoride in the Water Angelillo, I.F. (Catanzaro); Torre, I. (Naples); Nobile, C.G.A. (Catanzaro); Villari, P. (Naples)
- 123 Human Salivary Sugar Clearance after Sugar Rinses and Intake of Foodstuffs Luke, G.A.; Gough, H.; Beeley, J.A.; Geddes, D.A.M. (Glasgow)
- 130 Bacterial Counts in Carious Dentine under Restorations: 2-Year in vivo Effects Weerheijm, K.L.; Kreulen, C.M.; de Soet, J.J.; Groen, H.J.; van Amerongen, W.E. (Amsterdam)
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- 140 In vitro Quantitative Microhardness Assessment of Enamel with Early Salivary Pellicles after Exposure to an Eroding Cola Maupomé, G. (Vancouver); Aguilar-Avila, M.; Medrano-Ugalde, H.A.;
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- 156 High-Performance Liquid Chromatographic Analysis of Chlorhexidine in Saliva after Mouthrinsing Tsuchiva, H.: Mivazaki, T.: Ohmoto, S. (Gifu)
- Litter Effects on Caries in Rats and Implications for **Experimental Design** Raubertas, R.F.; Davis, B.A.; Bowen, W.H.; Pearson, S.K.; Watson, G.E. (Rochester, N.Y.)
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- 185 Salivary Carbonic Anhydrase Isoenzyme VI Is Located in the Human Enamel Pellicle Leinonen, J. (Oulu); Kivelä, J. (Oulu/Hattula); Parkkila, S.; Parkkila, A.-K.; Rajaniemi, H. (Oulu)
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- 196 Fluoride in Enamel Lining Pits and Fissures of the Occlusal Groove-Fossa System in Human Molar Teeth Pearce, E.I.F. (Weilington South); Larsen, M.J. (Aarhus); Coote, G.E. (Lower Hutt)
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- 275 The Remineralization of EDTA-Treated Human Dentine Kawasaki, K. (Nagasaki); Ruben J.; Stokroos, I. (Groningen); Takagi, O. (Nagasaki); Arends, J. (Groningen)

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